

MEDINA COUNTY HEALTH DEPARTMENT
 4800 LEDGEWOOD DRIVE • P.O. BOX 1033 • MEDINA, OHIO 44256
 (330) 723-9523 • TOLL FREE (888) 723-9688 • FAX (330) 723-9659

REQUEST FOR ANALYSIS OF NITRATES IN DRINKING WATER

WATER SYSTEM TO BE EVALUATED:

Owner/Occupant: _____ Township _____ Telephone: () _____
 House Location (Address) _____ City _____ State _____ Zip _____

ADDRESS FOR SENDING RESULTS (If different from above):

Name _____
 Address _____ City _____ State _____ Zip _____

NITRATE PRE-SCREEN

Nitrate pre-screen: No Yes _____ ppm Results: Acceptable Nitrate sample recommended
 Date: _____ Inspector: _____

NITRATE SAMPLE COLLECTED FOR LAB ANALYSIS

Amount Paid	Date Paid	Receipt Number	Date of Collection	Collection Point	Result	By
					mg/l	
					mg/l	

TESTING DRINKING WATER FOR NITRATES

The Medina County Health Department has the capability of obtaining water samples for nitrate analysis. Upon completion of this request form and payment of the sampling fee, the Health Department will make arrangements to obtain a sample. If the result does not exceed the MAXIMUM CONTAMINANT LEVEL of TEN PARTS PER MILLION (10ppm) when reported as Nitrogen (N), the result is considered to be satisfactory.

Nitrates and nitrites are chemicals that occur naturally in the environment and is an essential nutrient for plant and animal growth. They are created when animal wastes are decomposed in the soil or water by microbes to form ammonia. This ammonia is then changed to nitrite and nitrate. Water can also be contaminated by nitrates through the use of nitrogen-containing fertilizers or products containing large amounts of ammonia and urea. The median level of nitrate in ground water in the U.S. is generally less than 2 parts per million. The USEPA maximum contaminant level for drinking water is 10 parts per million (ppm) or 10 milligrams per liter (mg/L) when reported as nitrogen (N), or 44 mg/L when reported as nitrate ion (NO₃). People most at risk are infants less than four months old who are fed formula diluted with water containing nitrate levels above the standard. Additional information will be provided to you if the results are reported above the standard. Please note that nitrate levels may also fluctuate seasonally therefore additional testing should be done if there is a history of nitrate levels being reported close to or above the standard. This office can provide that service to you at a minimal cost.

This sample is normally taken at the kitchen sink after the tap has been allowed to run at least (1) one minute before collecting the sample. The sample is taken by an environmental health sanitarian and is shipped to a certified laboratory for analysis. The results are reported to this office generally ten (10) days after the sample is obtained.

If the sample result exceeds 10ppm, the source of water contains a high level of nitrates.

Please feel free to contact the Medina County Health Department at one of the above listed telephone number if you have any questions regarding nitrates in you drinking water.

This water sample has been reported to the Health Department as a satisfactory result. This report does not assess the quantity or microbiological quality of the water.

Inspector: _____ **Date:** _____